

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

04 OCT 1988

REPLY TO: 6W-SU

Mr. Allen P. Beinke, Jr.  
Executive Director  
Texas Water Commission  
P.O. Box 13097, Capitol Station  
Austin, Texas 78711

RE: Aquifer Exemption Request, Everest Exploration, Inc.  
Gruy-7B Mining Project, Permit No. UR02914-001, Jim Hogg County

Dear Mr. Beinke:

I am pleased to inform you of the Environmental Protection Agency approval of your request to exempt a portion of the Oakville Formation from the Underground Injection Control program requirements that no fluid may be injected into an Underground Source of Drinking Water. This approval is based upon the criteria stipulated in 40 CFR 144.7(b), 145.32, and 146.4 containing regulations allowing an aquifer to be exempted if: (a) it is not currently used as a drinking water supply, and (b) it cannot be used as a drinking water source in the future because it is mineral producing or can be shown by a permit applicant to contain minerals that are expected to be commercially producible. This exemption approval will allow injection for in-situ uranium mining only. If injection for other purposes (e.g. hazardous waste disposal) is planned into this aquifer, additional approval will be needed.

The approved exempted portion of the aquifer underlies the Everest Exploration, Incorporated, Gruy-7B Mining Site, in Jim Hogg County and is limited to the Oakville Formation. A detailed description of the exempted portion of the aquifer remains in the exemption request and subsequent comment letters.

If you have any questions concerning this approval, please contact me or have your staff contact Stephanie Johnson at (214) 655-7160. Thank you for your continued cooperation.

Sincerely yours,

Myron O. Knudson, P.E.  
Director  
Water Management Division (6W)

cc: Charles J. Greene, TWC  
Dale Kohler, TWC

SYMBOL		SURNAME		DATE		CONCURRENCES	
6W-SU:9/8/88:JOHNSON:kk: SJ9/48:FILE CODE: WAT-12-2-5-24		6W-S					
WEAVER	CABRA						

EPA Form 1320-1 (7/78) 9/30 9/30

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JUL 8 1984

AQUIFER EXEMPTION  
SUMMARY SHEETDate application received in Region: 9-18-87Date application sent Headquarters: N/A

Date action needed: \_\_\_\_\_

APPLICANT: EVEREST EXPLORATION, INC.HEARING DATE: No hearing requestedI.D. NUMBER: UR02914-001EXEMPTION DESCRIPTION (Township, Range, Section, Quarter section  
and affected area):FIELD: 885 acres, approximately 3 miles northwest of Hebbronville, TX in Jim Hogg CountyAQUIFER TO BE EXEMPTED: Production zone in Oakville Formation  
Depth 145 to 340 ft. below land surface  
or 290 to 500 ft. above MSLJUSTIFICATION FOR EXEMPTION:(X) Aquifer is not a source of drinking water and will not serve  
as a source of drinking water in the future because it:

- ( ) Has a TDS level above 3,000 and not reasonably expected  
to serve as a source of drinking water
- ( ) Is producing or capable to produce hydrocarbons
- (X) Is producing or capable to produce minerals
- ( ) Is too deep or too remote
- ( ) Is above Class III area subject to subsidence
- ( ) Is too contaminated (name contaminant(s)):
- ( ) Other: \_\_\_\_\_

PURPOSE OF INJECTION: Uranium mining

APPLICANT: EVEREST EXPLORATION, INC.

HEARING DATE: No hearing requested

I.D. NUMBER: UR02914-001

INJECTED FLUID QUALITY: See Attachment J INJECTION FLUID SOURCE: Native groundwater with carbon dioxide gas and oxygen added  
FORMATION WATER QUALITY: 1240 to 1600 mg/l

OIL OR MINERAL PRODUCTION HISTORY: \_\_\_\_\_

Other uranium mining activities in the area

ACTIVE INJECTION WELLS INJECTING INTO SAME FORMATION

<u>Field</u>	<u>Location</u>	<u>Injection Interval</u>	<u>Injection Source</u>	<u>Total Depth</u>
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None

WATER USE IN AREA: No water wells in AOR

REMARKS: \_\_\_\_\_